

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010715\
 Data File : BM000124.D
 Acq On : 07 Jan 2015 12:19
 Operator : TP/IZ
 Sample : SSTD1.618
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.618

Quant Time: Jan 08 01:41:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM010715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 01:34:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3175	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	10739	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6470	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11168	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	10013	0.40	ng/ul	0.00
20) Perylene-d12	23.69	264	8768	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	21841	1.53	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	37769	1.57	ng/ul	0.00

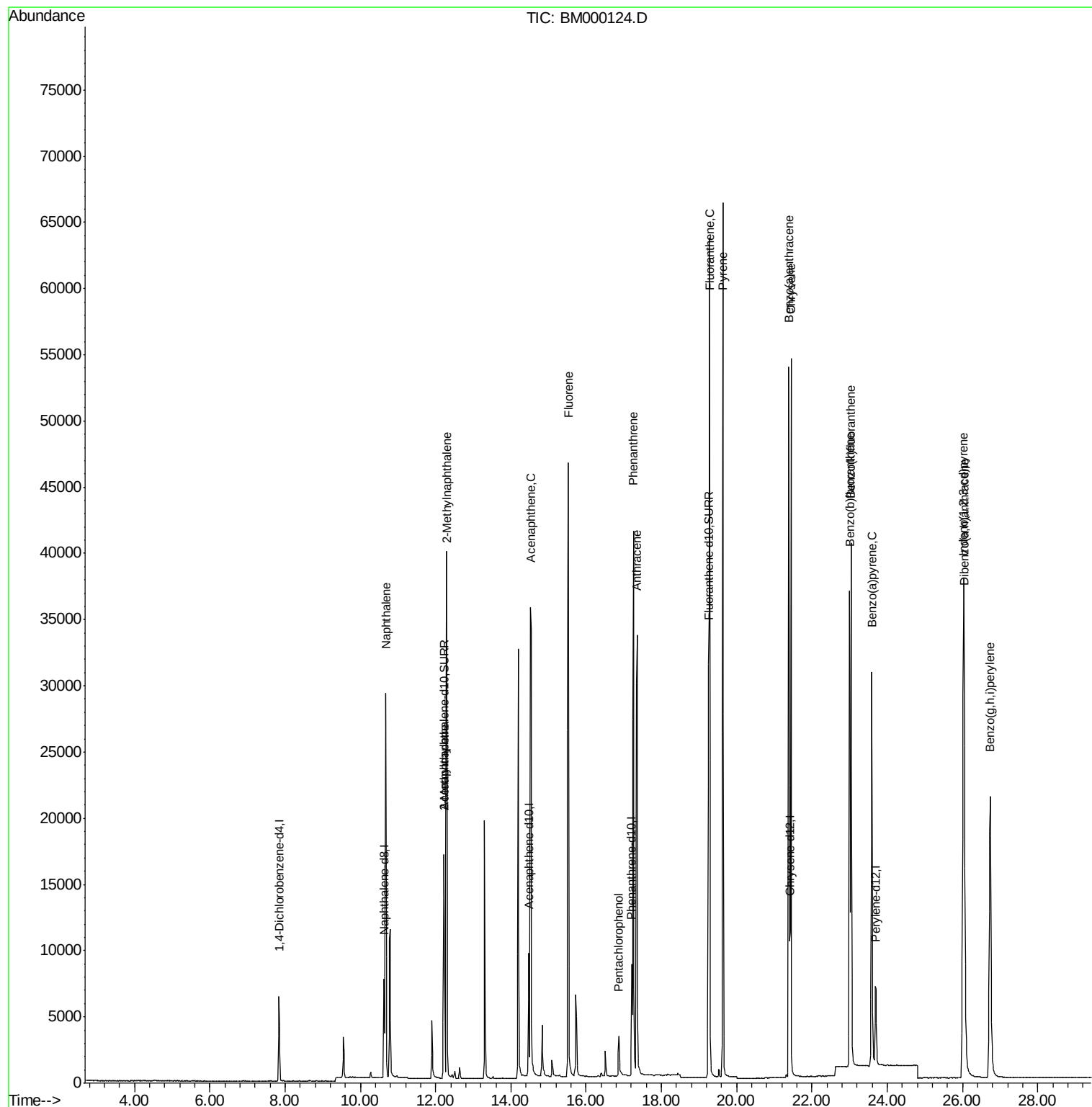
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	43558	1.51	ng/ul	98
5) 2-Methylnaphthalene	12.30	142	29631	1.55	ng/ul	100
7) Acenaphthylene	12.22	152	21841	1.50	ng/ul	97
8) Acenaphthene	14.52	153	30280	1.50	ng/ul#	80
9) Fluorene	15.52	166	35100	1.51	ng/ul	93
11) Pentachlorophenol	16.87	266	3226	1.85	ng/ul	94
12) Phenanthrene	17.26	178	53181	1.54	ng/ul	98
13) Anthracene	17.35	178	50865	1.57	ng/ul	97
15) Fluoranthene	19.27	202	60260	1.59	ng/ul	96
17) Pyrene	19.64	202	61770	1.48	ng/ul	97
18) Benzo(a)anthracene	21.39	228	51509	1.56	ng/ul	95
19) Chrysene	21.44	228	54157	1.50	ng/ul	95
21) Benzo(b)fluoranthene	23.00	252	55693	1.61	ng/ul	97
22) Benzo(k)fluoranthene	23.04	252	49003	1.49	ng/ul	95
23) Benzo(a)pyrene	23.59	252	48592	1.56	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.02	276	56842	1.59	ng/ul	99
25) Dibenzo(a,h)anthracene	26.05	278	45963	1.62	ng/ul	96
26) Benzo(g,h,i)perylene	26.73	276	48939	1.55	ng/ul	98

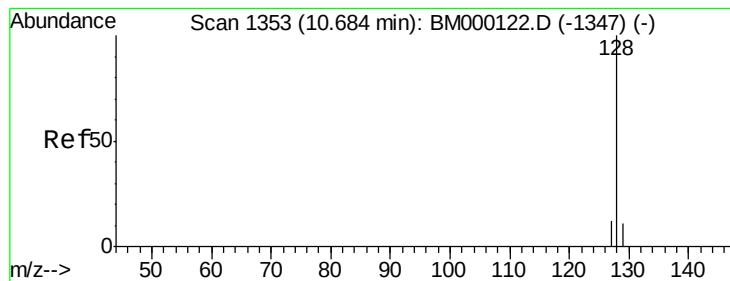
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.51 ng/ul

RT: 10.68 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

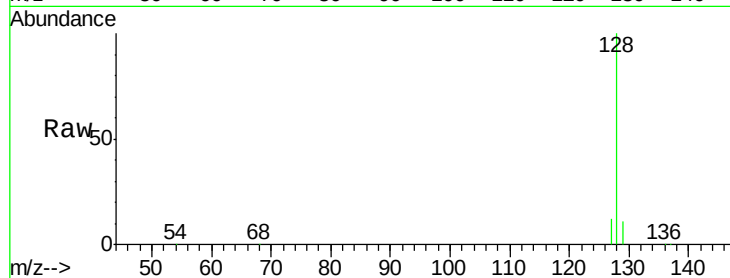
Tgt Ion:128 Resp: 43558

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

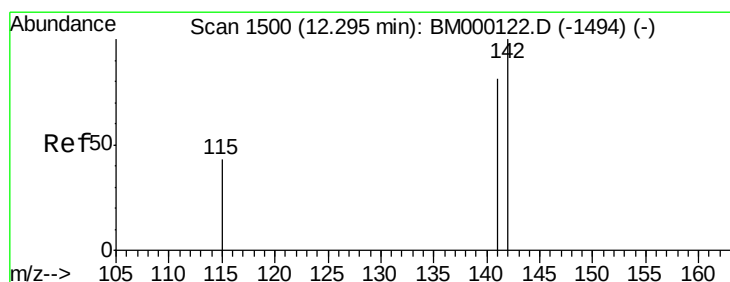
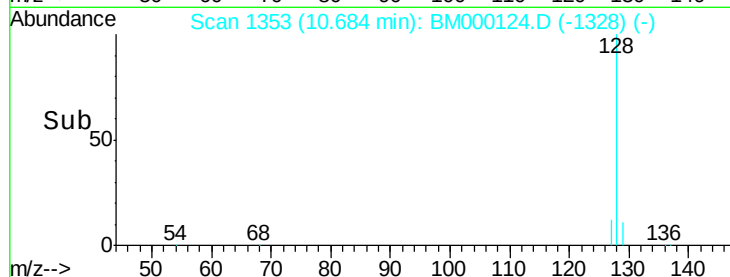
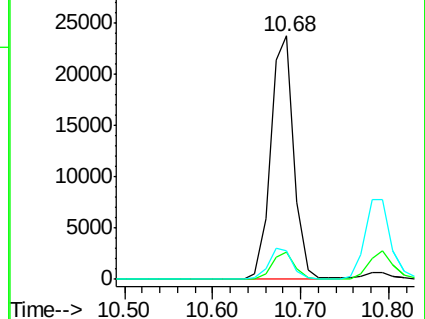
127 11.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.55 ng/ul

RT: 12.30 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BM000124.D

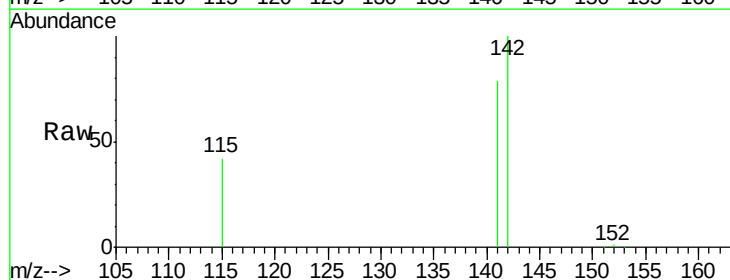
Acq: 07 Jan 2015 12:19

Tgt Ion:142 Resp: 29631

Ion Ratio Lower Upper

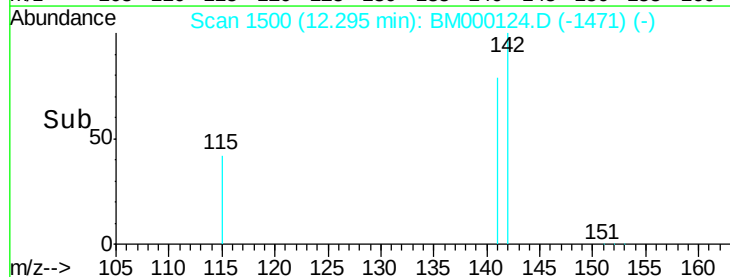
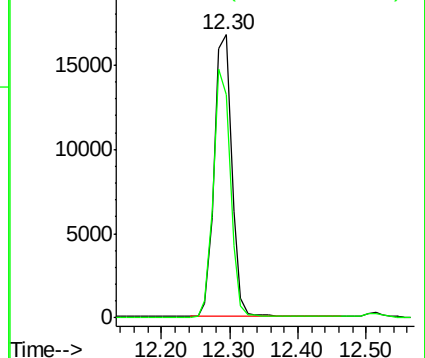
142 100

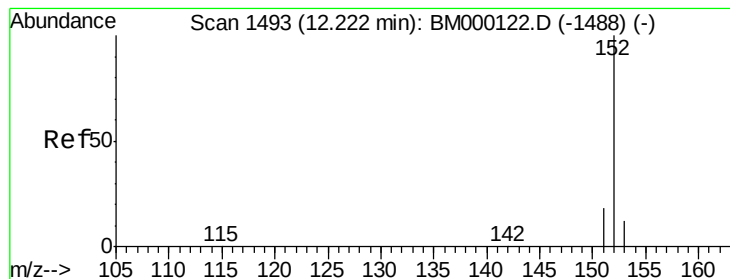
141 86.0 68.9 103.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.50 ng/ul

RT: 12.22 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

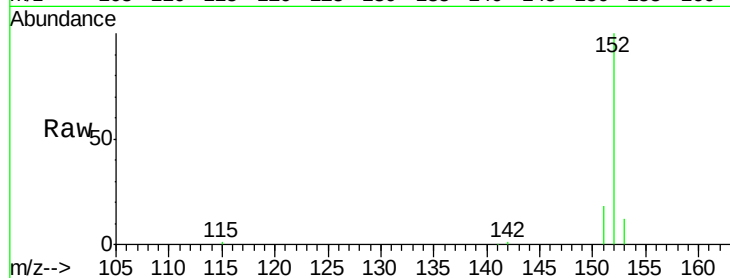
Tgt Ion:152 Resp: 21841

Ion Ratio Lower Upper

152 100

151 18.0 15.4 23.2

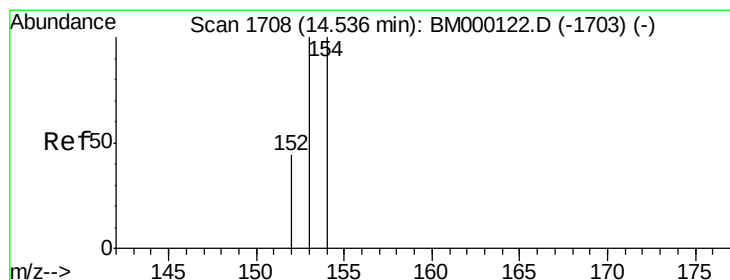
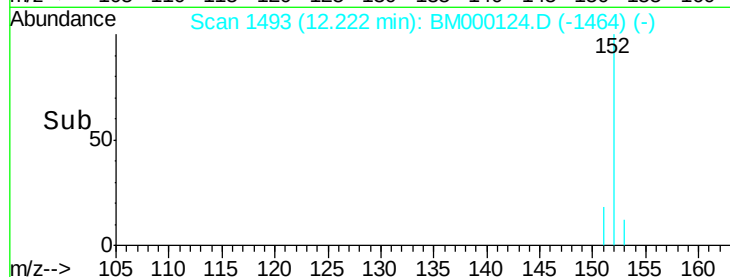
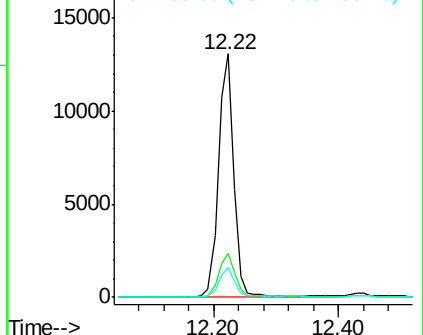
153 12.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 1.50 ng/ul

RT: 14.52 min Scan# 1707

Delta R.T. -0.02 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

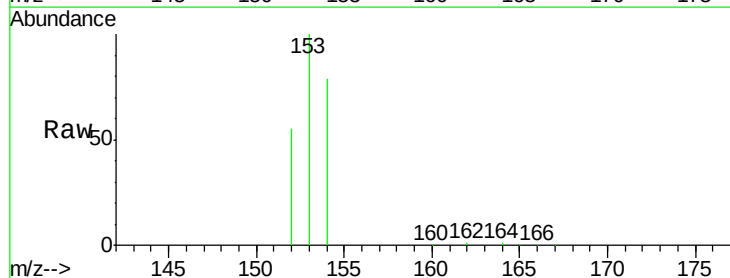
Tgt Ion:153 Resp: 30280

Ion Ratio Lower Upper

153 100

152 55.2 35.8 53.6#

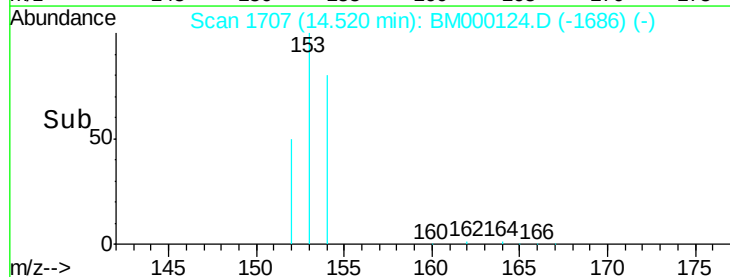
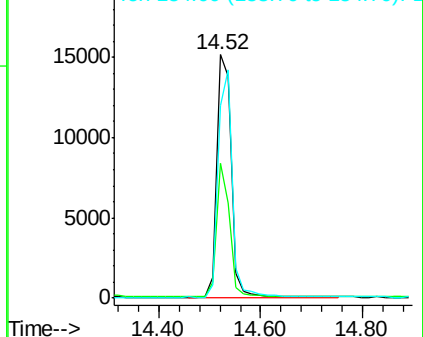
154 78.9 79.9 119.9#

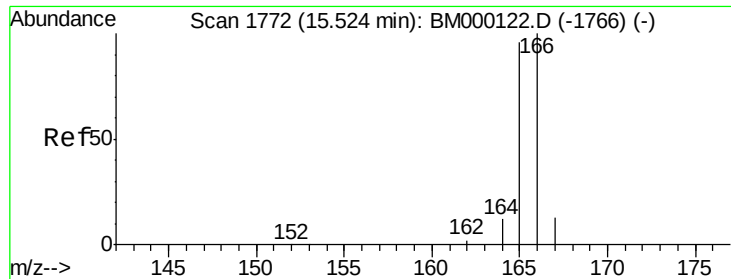


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

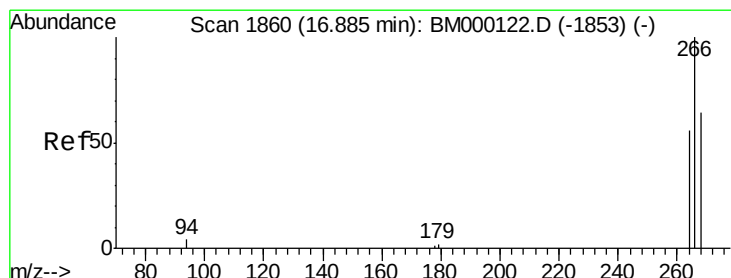
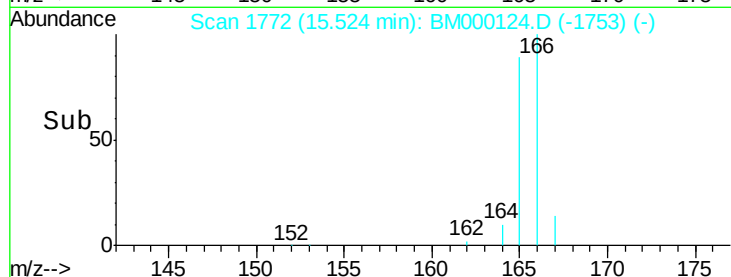
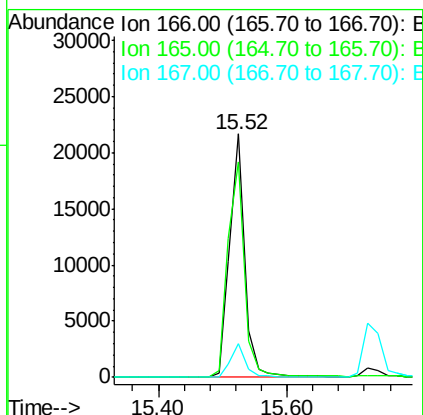
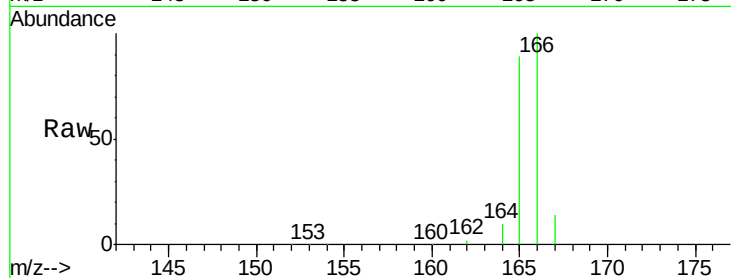




#9
Fluorene
 Concen: 1.51 ng/ul
 RT: 15.52 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BM000124.D
 Acq: 07 Jan 2015 12:19

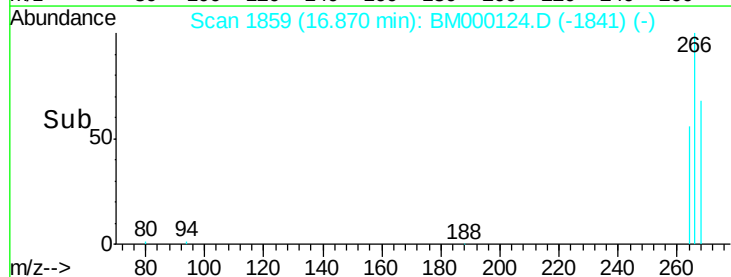
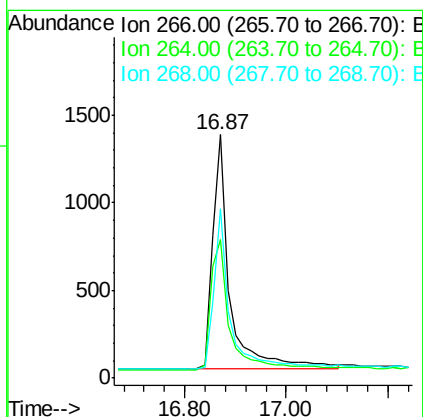
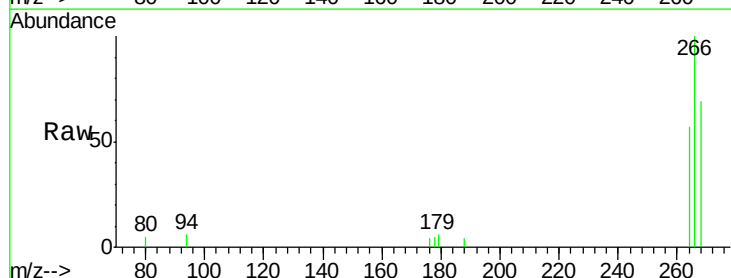
Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.618

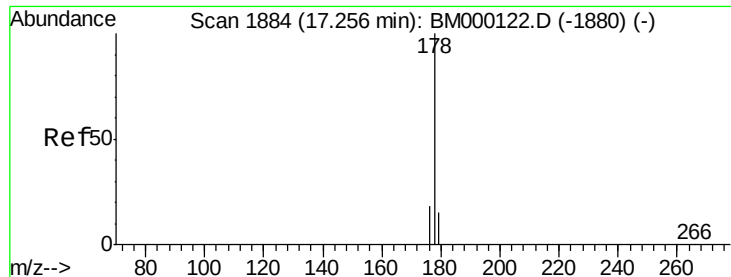
Tgt Ion:166 Resp: 35100
 Ion Ratio Lower Upper
 166 100
 165 88.6 77.0 115.4
 167 14.0 11.0 16.6



#11
Pentachlorophenol
 Concen: 1.85 ng/ul
 RT: 16.87 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BM000124.D
 Acq: 07 Jan 2015 12:19

Tgt Ion:266 Resp: 3226
 Ion Ratio Lower Upper
 266 100
 264 61.9 53.9 80.9
 268 64.6 49.2 73.8





#12

Phenanthrene

Concen: 1.54 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

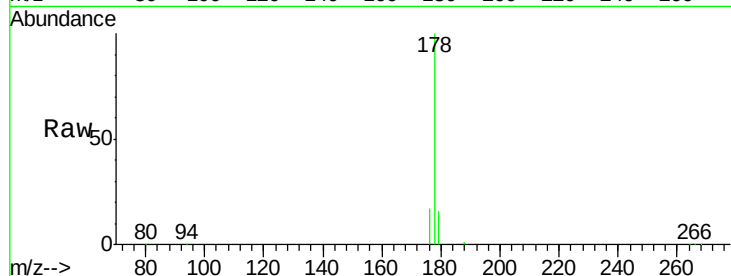
Tgt Ion:178 Resp: 53181

Ion Ratio Lower Upper

178 100

176 17.1 15.1 22.7

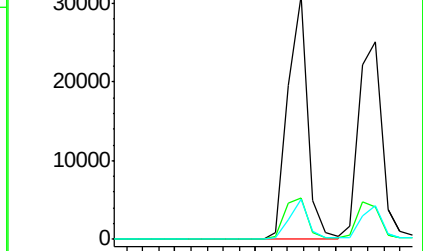
179 16.2 13.0 19.4



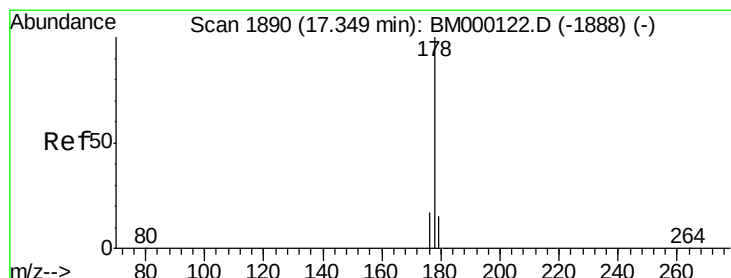
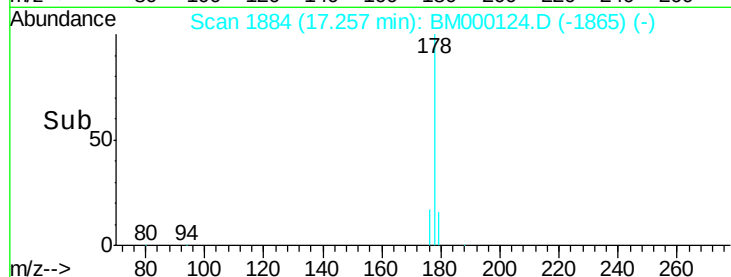
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#13

Anthracene

Concen: 1.57 ng/ul

RT: 17.35 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

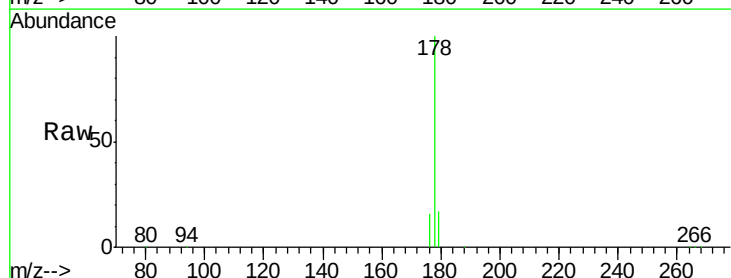
Tgt Ion:178 Resp: 50865

Ion Ratio Lower Upper

178 100

176 16.3 14.6 21.8

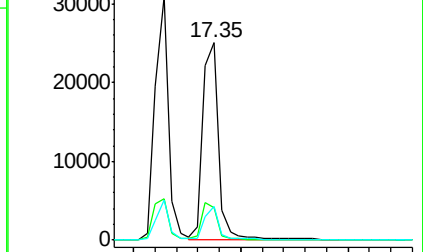
179 17.1 13.1 19.7



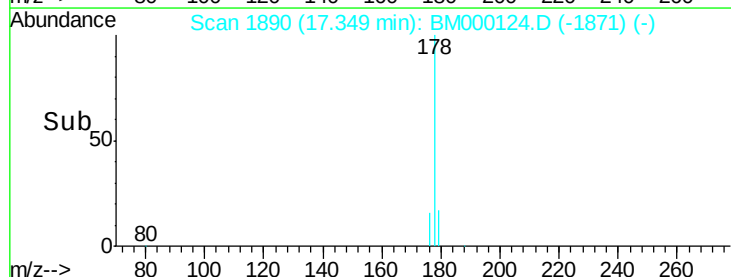
Abundance Ion 178.00 (177.70 to 178.70): E

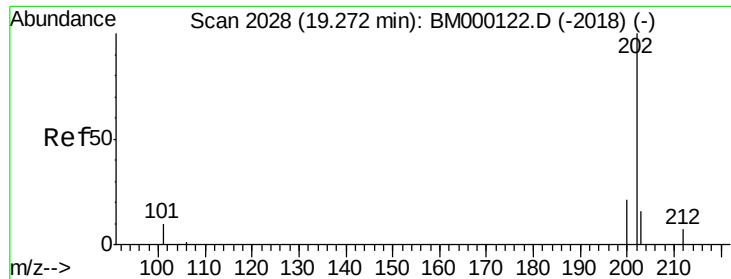
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

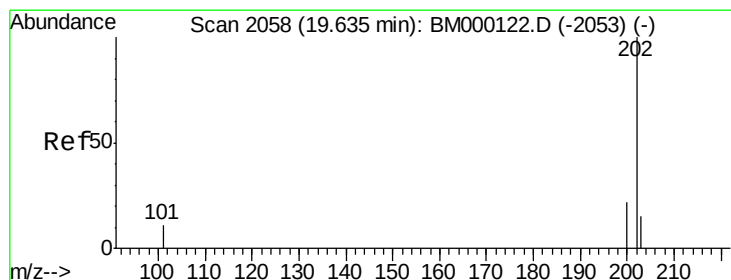
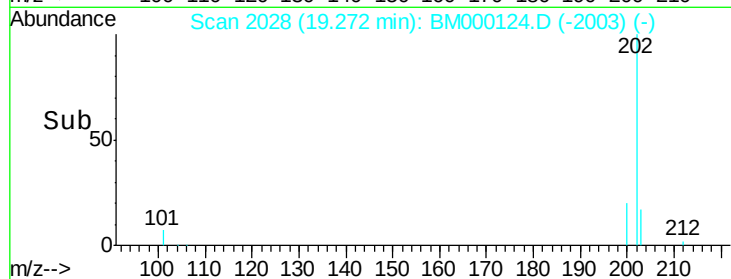
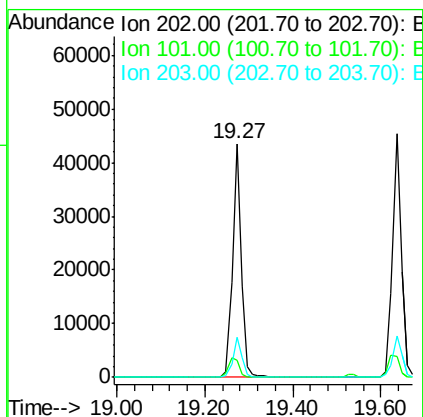
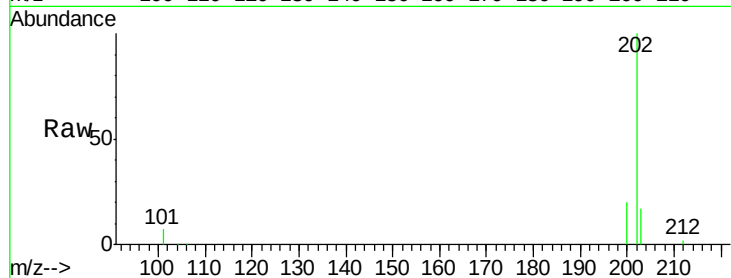




#15
Fluoranthene
Concen: 1.59 ng/ul
RT: 19.27 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM000124.D
Acq: 07 Jan 2015 12:19

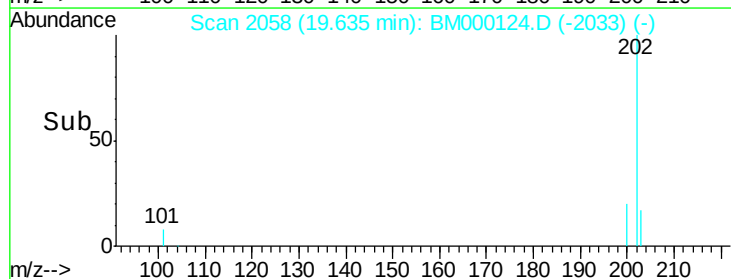
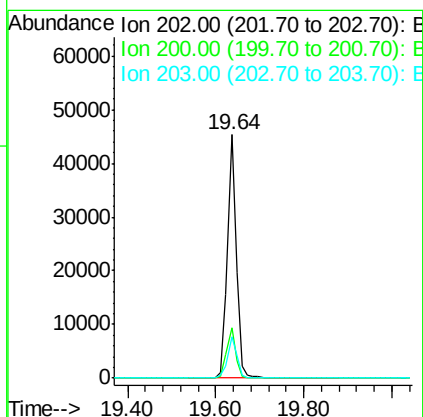
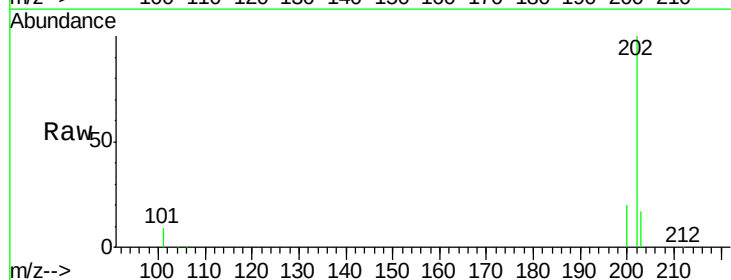
Instrument :
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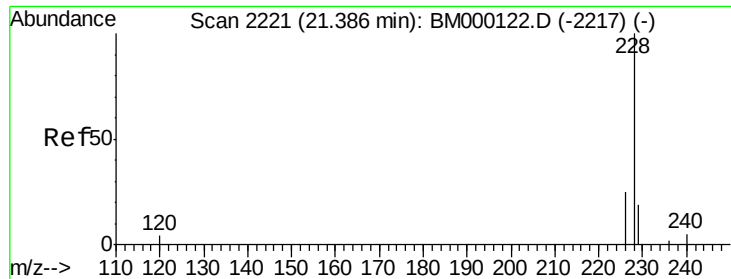
Tgt Ion:202 Resp: 60260
Ion Ratio Lower Upper
202 100
101 7.1 0.0 30.5
203 17.1 0.0 36.6



#17
Pyrene
Concen: 1.48 ng/ul
RT: 19.64 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM000124.D
Acq: 07 Jan 2015 12:19

Tgt Ion:202 Resp: 61770
Ion Ratio Lower Upper
202 100
200 20.4 17.9 26.9
203 17.0 12.8 19.2

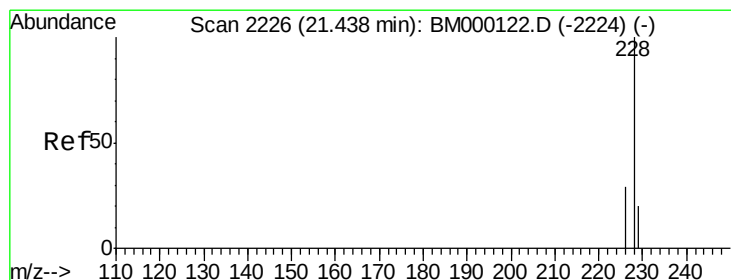
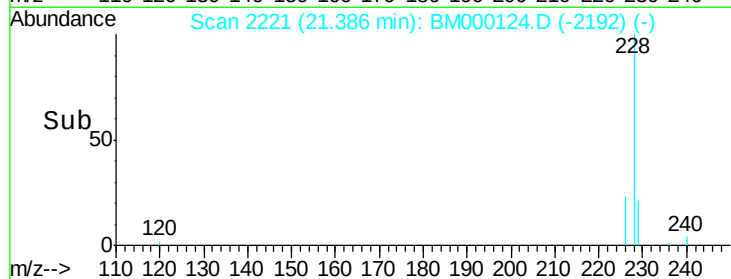
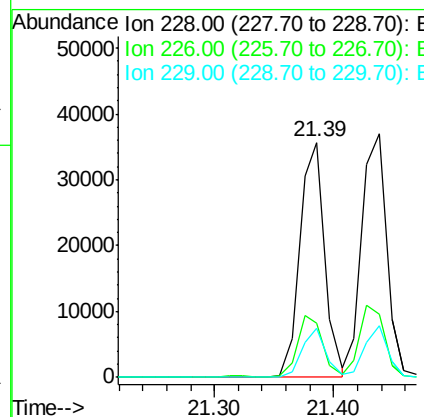
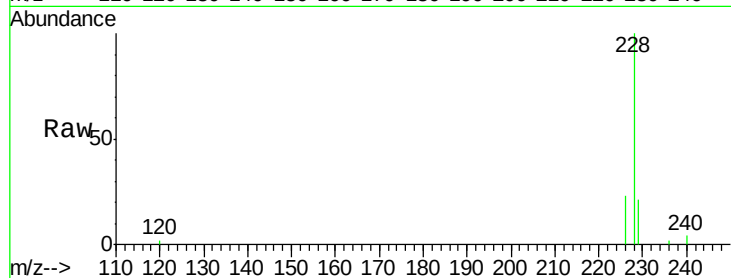




#18
Benzo(a)anthracene
Concen: 1.56 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BM000124.D
Acq: 07 Jan 2015 12:19

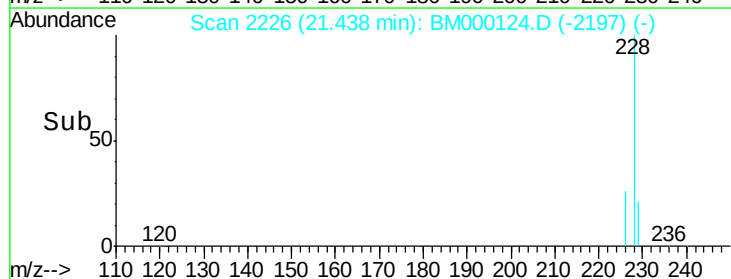
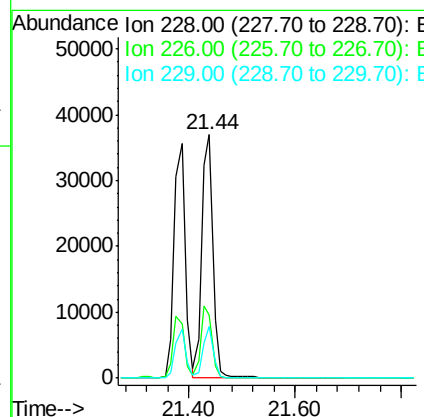
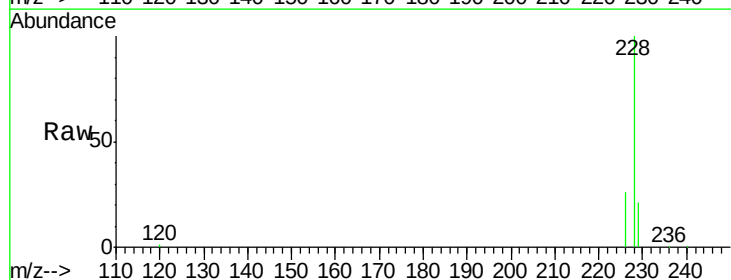
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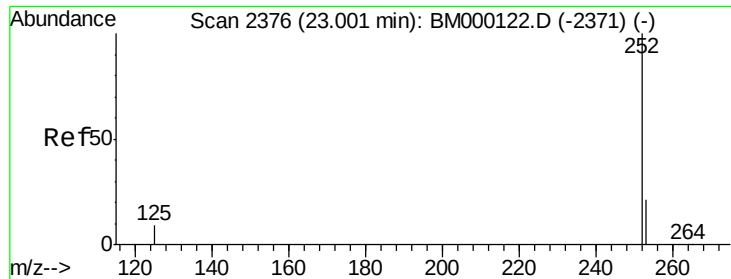
Tgt Ion:228 Resp: 51509
Ion Ratio Lower Upper
228 100
226 23.2 20.8 31.2
229 21.0 15.5 23.3



#19
Chrysene
Concen: 1.50 ng/ul
RT: 21.44 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BM000124.D
Acq: 07 Jan 2015 12:19

Tgt Ion:228 Resp: 54157
Ion Ratio Lower Upper
228 100
226 25.9 23.8 35.6
229 21.0 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 1.61 ng/ul

RT: 23.00 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

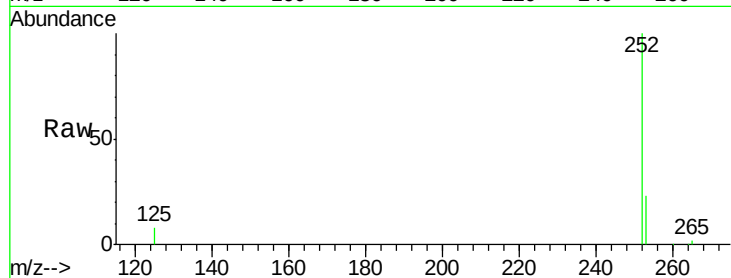
Tgt Ion:252 Resp: 55693

Ion Ratio Lower Upper

252 100

253 23.2 0.0 48.2

125 8.3 0.0 21.6

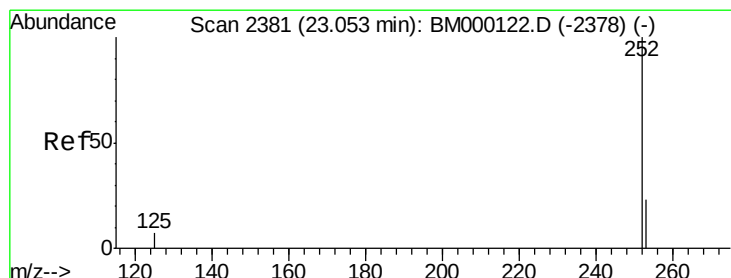
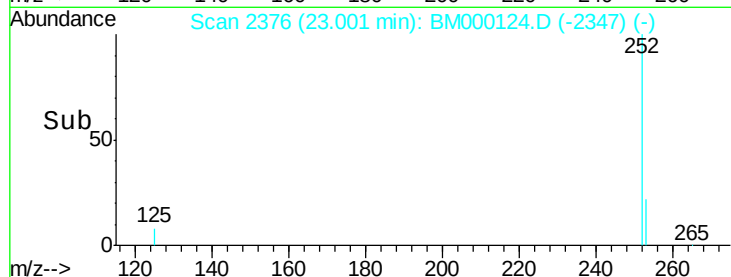
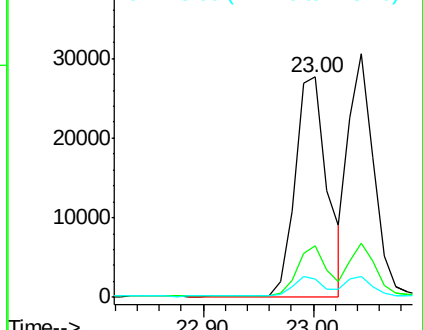


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 1.49 ng/ul

RT: 23.04 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

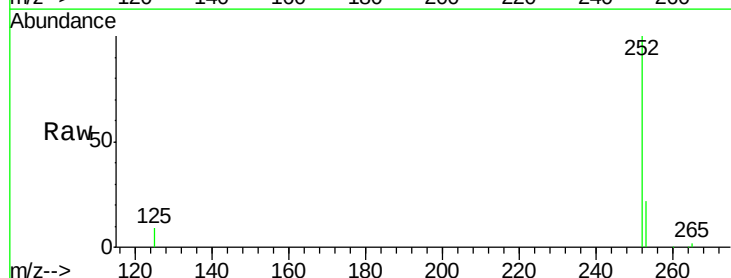
Tgt Ion:252 Resp: 49003

Ion Ratio Lower Upper

252 100

253 22.4 20.5 30.7

125 8.6 7.8 11.8

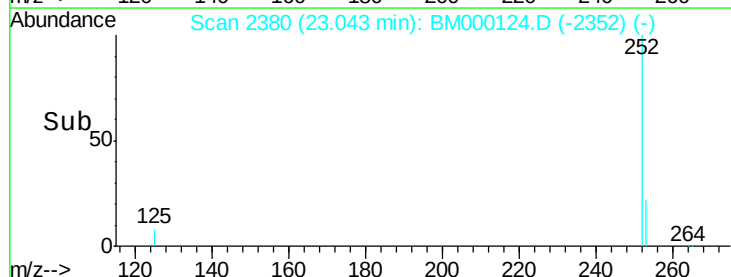
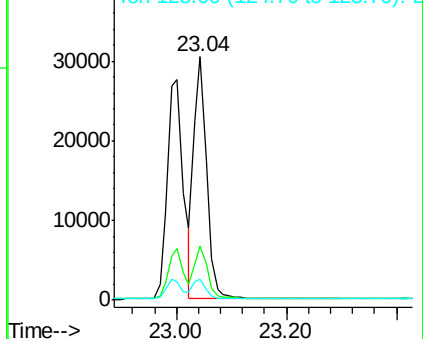


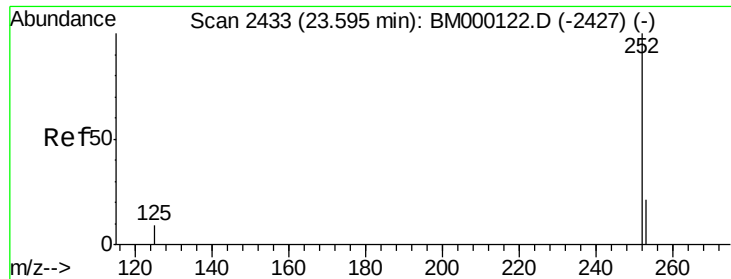
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.56 ng/ul

RT: 23.59 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

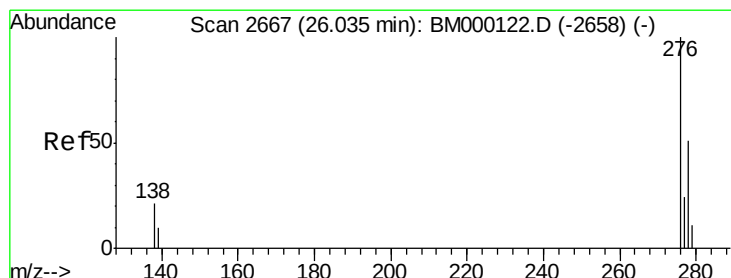
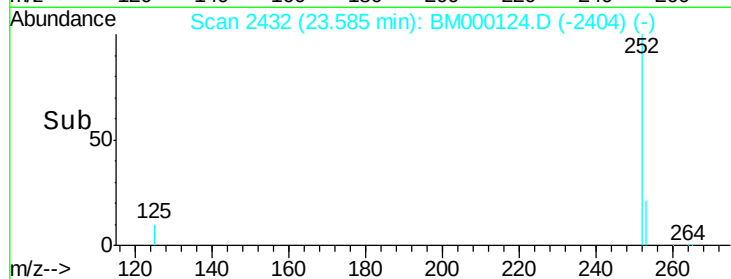
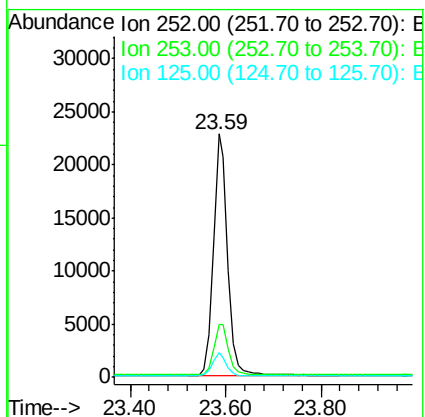
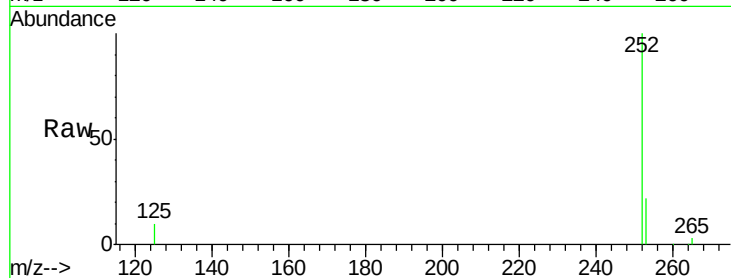
Tgt Ion: 252 Resp: 48592

Ion Ratio Lower Upper

252 100

253 21.7 19.8 29.6

125 10.2 9.2 13.8



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.59 ng/ul

RT: 26.02 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

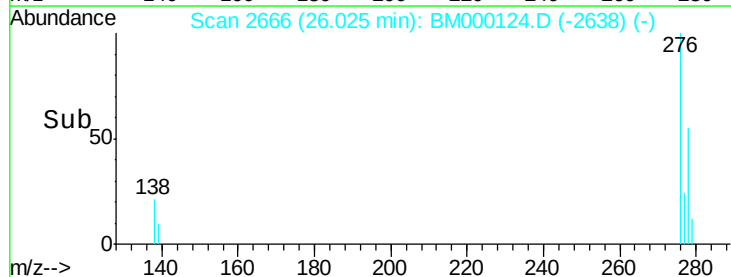
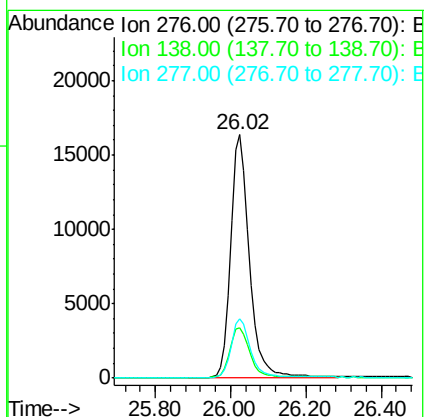
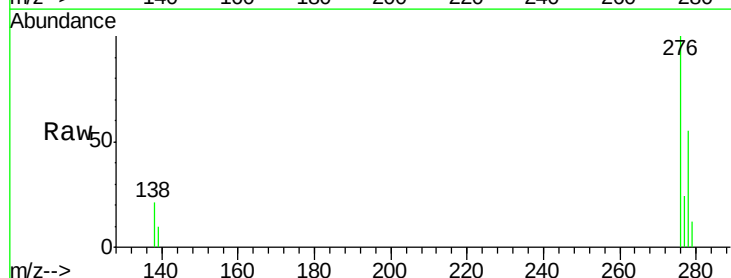
Tgt Ion: 276 Resp: 56842

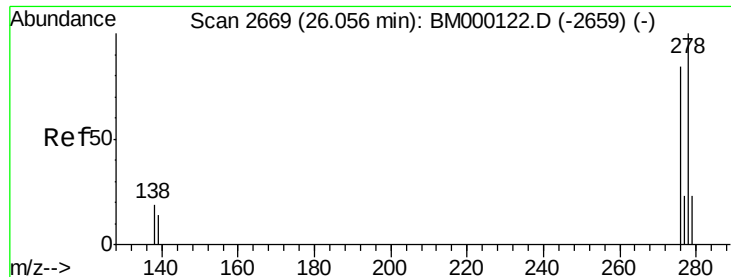
Ion Ratio Lower Upper

276 100

138 21.6 17.6 26.4

277 24.6 19.9 29.9





#25

Dibenzo(a,h)anthracene

Concen: 1.62 ng/ul

RT: 26.05 min Scan# 2668

Delta R.T. -0.01 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

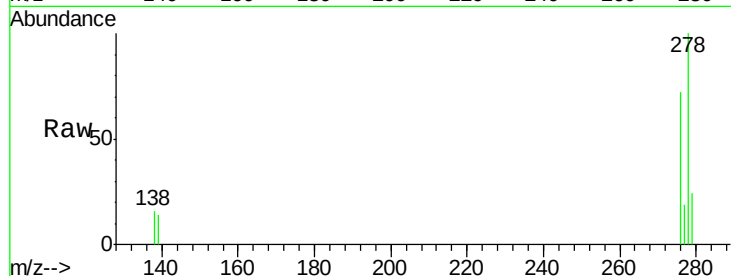
Tgt Ion:278 Resp: 45963

Ion Ratio Lower Upper

278 100

139 14.2 12.6 18.8

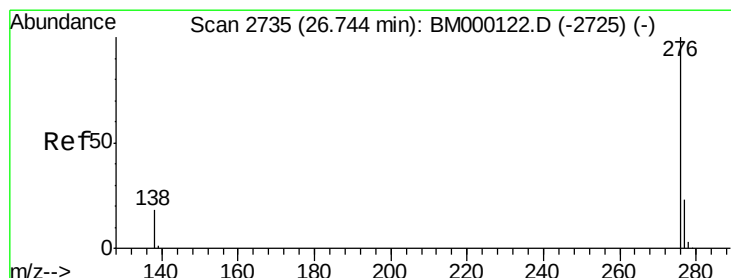
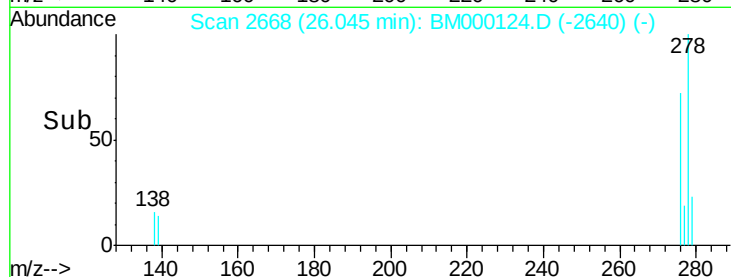
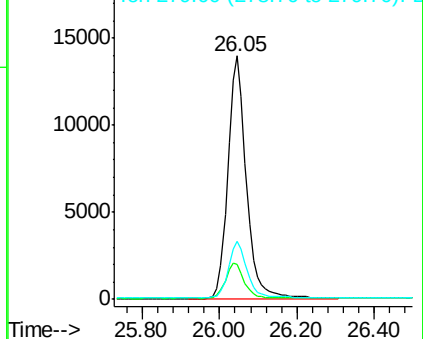
279 23.6 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 1.55 ng/ul

RT: 26.73 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM000124.D

Acq: 07 Jan 2015 12:19

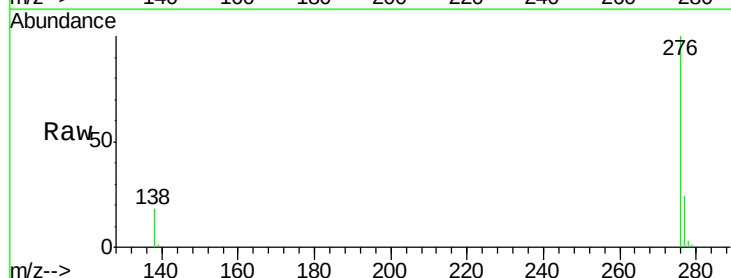
Tgt Ion:276 Resp: 48939

Ion Ratio Lower Upper

276 100

277 23.9 20.0 30.0

138 18.3 15.7 23.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

